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Appl. No. 10/522,698  
Reply to Office Action of July 11, 2006

SEP 29 2006

Amendments to the Specification:

Page 8, replace the third full paragraph with the following amended paragraph:

~~Figure 1 is a diagram~~ Figs. 1(a)-1(c) are diagrams illustrating the schematic construction of a quasi-phase matching element using quartz, which is the material of a wavelength conversion element constituting a working configuration of the present invention.

Page 8, replace the fourth full paragraph with the following amended paragraph:

~~Figure 2 is a diagram~~ Figs. 2(a)-2(e) are diagrams which shows show the process used to manufacture a wavelength conversion element constituting a working configuration of the present invention by ion implantation using the quartz quasi-phase matching element shown in ~~Figure 1~~ Fig. 1(a) as a substrate. The drawings on the left side are sectional views along line A-A in ~~Figure 1~~ Fig. 1(a), and the drawings on the right side are sectional views along line B-B in ~~Figure 1~~ Fig. 1(a).

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Page 9, replace the first paragraph with the following amended paragraph:

~~Figure 3 is a diagram which shows Figs. 3(a)-3(e) are diagrams which show~~ the process used to manufacture a wavelength conversion element constituting a working configuration of the present invention by constructing a ridge type waveguide by selective reactive ion etching in the quartz quasi-phase matching element shown in ~~Figure 1~~ & Fig. 1(a) as a substrate. The drawings on the left side are sectional views along line A-A in ~~Figure 1~~ & Fig. 1(a), and the drawings on the right side are sectional views along line B-B in ~~Figure 1~~ & Fig. 1(a).

Page 9, replace the second paragraph with the following amended paragraph:

~~Figure 4 is a diagram Figs. 4(a)-4(c) are diagrams showing a~~ wavelength conversion element constituting a working configuration of the present invention, in which a ridge type waveguide is constructed by dicing using the quartz quasi-phase matching element shown in ~~Figure 1~~ & Fig. 1(a) as a substrate.